STIEBEL ELTRON

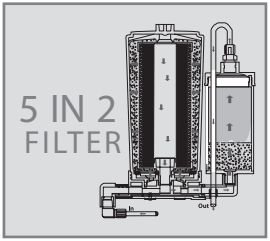
High Quality

WATER FILTER

by Stiebel Eltron / Germany

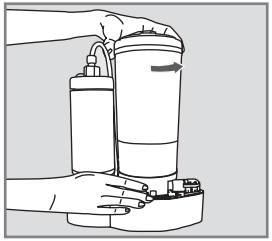
USER MANUAL | RAIN WATER FILTER

SHORT OVERVIEW.
RAIN FEATURES.



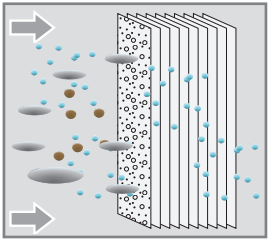
5 Stages in 2 filters

The qualities of 5 single filtration stages are combined in 2 cartridges. The high quality filter media allow for an extraordinary clean and safe filter performance.



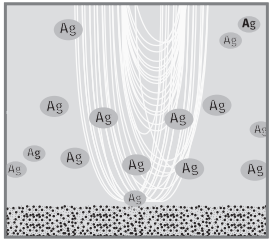
Easy filter replacement

The Stiebel Eltron rain filter cartridges are easy to change. No plumber or expert is needed.



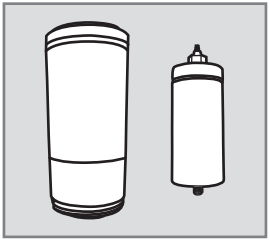
Ultrafiltration membrane 0.01~0.1 micron

The membrane with a pore size of 0.01~0.1 micron removes bacteria and provides microbiologically safe and clean drinking water for you and your family.



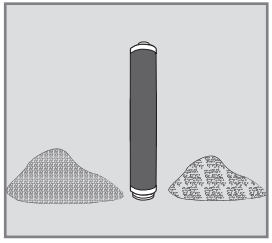
Silver - impregnated carbon

Silver-impregnated carbon powder has an anti-bacterial function and kills bacteria that are filtered by the hollow fiber membrane. It therefore prohibits bacteria growth in the filter media.



Encapsulated filter cartridges

Encapsulated cartridges allow a clean and safe filter replacement. During the filter change a contamination e.g. because of touching the filter is not possible.



3 Steps of carbon

The large amount of carbon in the Rain water filter removes bad odors and taste. Therefore it produces a very soft and high quality drinking water.

USER MANUAL RAIN.

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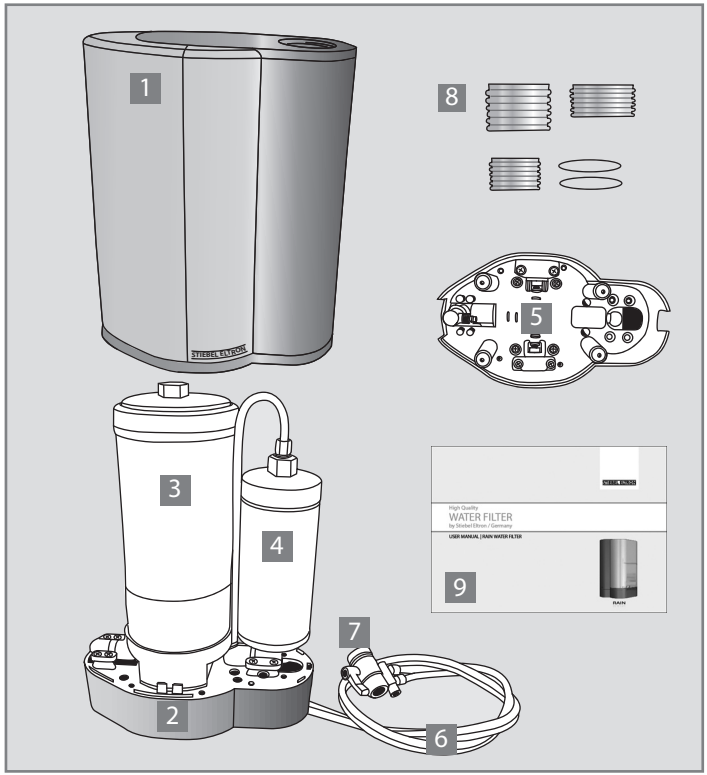
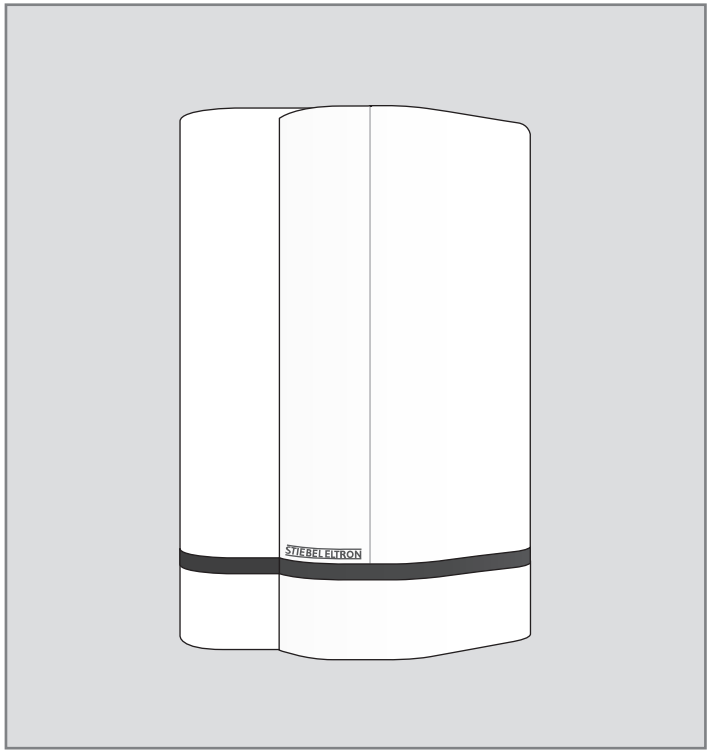
USER MANUAL RAIN

1. RAIN FILTER COMPONENTS AND ACCESSORIES.



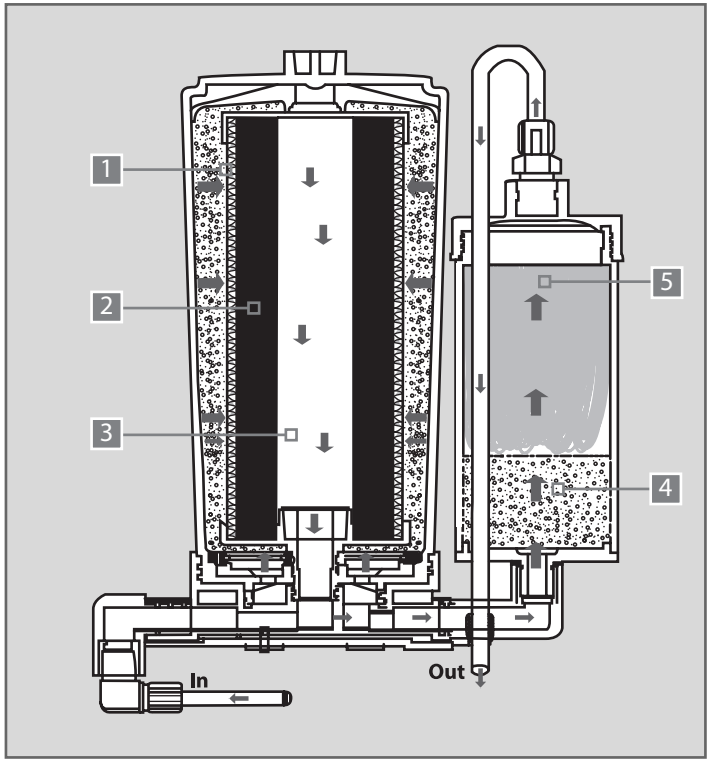
1	Top cover
2	Base
3	3 in 1 filter [carbon, sediment, carbon block]
4	2 in 1 filter [carbon, hollow fiber]
5	Ejector
6	Double way tube
7	Double way switch diverter valve with cap
8	Adapter [3 x], o-ring [2 x]
9	Manual



Model		Water filter
– Type name		Rain
– Part no.		1511-222304 [Rain 1 White]
		1511-222305 [Rain 2 Silver]
Characteristics		
– Installation type		countertop
– Filter cartridge		5 in 2 composite filter
– Housing material		ABS [constructed of durable, high impact plastic]
– Max. operating pressure	bar	4
– Min. operating pressure	bar	1
– Max. operating temperature	°C	35
– Min. operating temperature	°C	4
Rated service		
– Rated service flow		2 L / min at 1 bar | new filter cartidge [Actual flow rate will depend on water quality water pressure and the time the filter has been in service.]
Rated life time		
– Pre - filter 3 in 1		3600 L or 10 month
– UF - filter 2 in 1		4320 L or 12 month

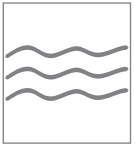
*NOTE: The life time will depend on the water quality.
It is based on the consumption of 12 L daily.

3. FILTER SPECIFICATIONS.



Filter step	Removial function
1. Granular activated carbon filter	chlorine, bad taste and odor
	THMs, VOCs
	herbicides, pesticides
2. Polyethylene sediment filter | 10 micron	rust and sediments
3. Activated carbon block filter | 1 micron	chlorine, bad taste and odor
	THMs, VOCs
	herbicides, pesticides
	heavy metals [mercury, lead, Cr^{6+}, cadmium, selenium, iron, aluminum, zinc]
4. Granular activated carbon filter [silver impregnated]	Improves taste and odor
	kills filtered bacteria
5. Ultrafiltration membrane | hollow fiber, pore size 0.01~ 0.1 micron	bacteria
	cysts

4. INSTALLATION AND PRECAUTIONS.



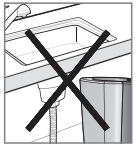
The water filter can only be used with pre-filtered water from a water supply facility. The filter can not be used with water from unsafe water sources such as rivers and wells.

To reach an optimized and satisfying filter result the Rain should only be installed in houses with a pipe pressure between 1 and 4 bar.

The water filter must be installed in a far distance to inflammable materials and heating sources to avoid deformation.

The water filter should only be installed inside the house.

The filter can only be installed to the cold water supply with a water temperature between 4 and 35°C.



The water filter can only be installed as countertop type by using a diverter valve. It can not be used as under sink type.

The water filter should not be exposed to force or shock.

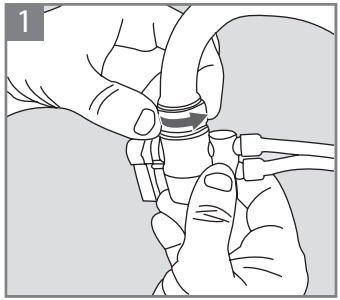
The water filter must be kept away or protected from direct light (e.g. sunlight).

Do not spill water on the water filter.

Do not open the filter during water flow.

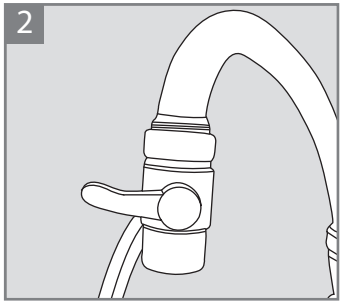
5. INSTALLATION GUIDELINES AND FILTER REPLACEMENT.

INSTALLATION GUIDELINES



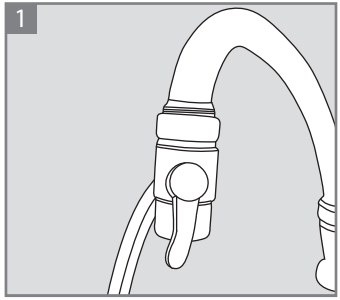
Connect the diverter valve to the faucet of your tap water supply. If a water saver is used, remove it and install the diverter valve instead. If needed use one of the 3 faucet adapters to connect the diverter valve to the faucet.

⚠ Make sure that the diverter valve is connected properly, fight and straight to the faucet to prerentaleakage.

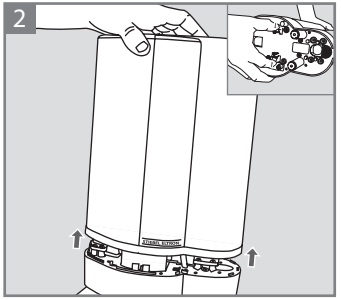


Open the faucet and the diverter valve and let the water flow for at least 10 minutes to clean the filter of residual particles and air bubbles.

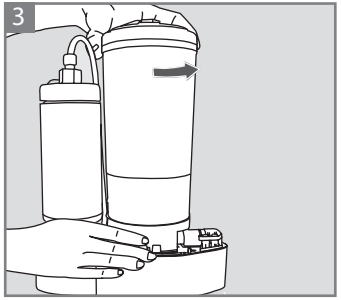
FILTER REPLACEMENT



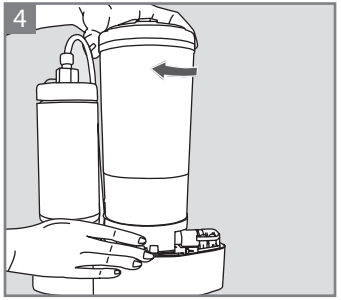
Close the faucet and the diverter valve.



Remove the top cover by pressing the two release slides at the bottom of the ejector.



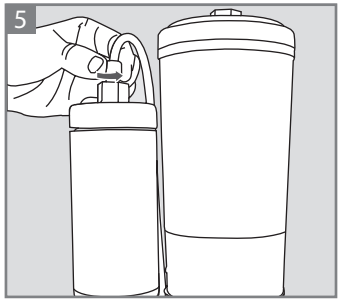
To change the 3 in 1 filter (prefilter) tune the filter to the right side.*



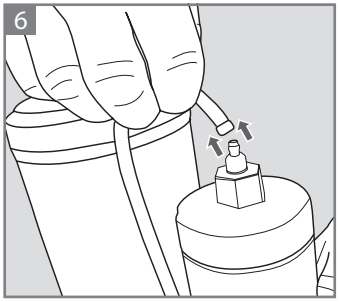
Insert in the new filter in the left side direction.

*Be prepared that a little amount of water can come out of the filter.

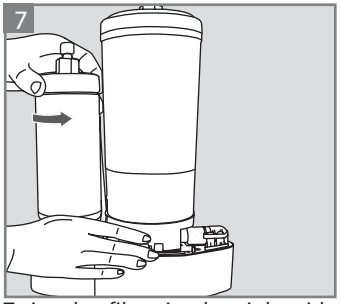
5. INSTALLATION GUIDELINES AND FILTER REPLACEMENT.



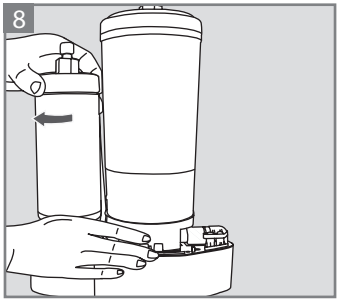
To change the 2 in 1 filter (hollow fiber) twist the cap on the filter left.



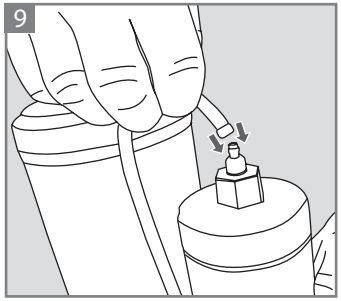
Take off the cap and disconnect the plastic pipe from the filter.*



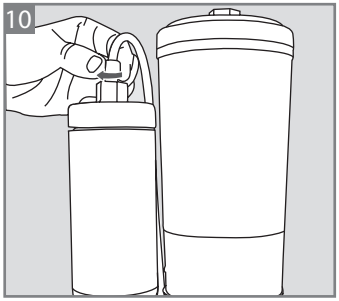
Twist the filter in the right side direction and take out the filter.*



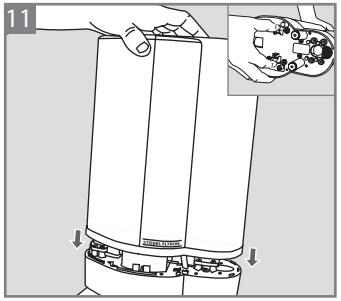
Insert the new filter.



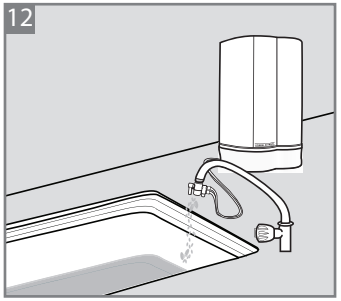
Connect the tube with the filter.



Tighten the cap to the filter.



Press the top cover on the filter base.



Open the valves and let the water flow for at least 10 minutes to clean the filter of residual particles and air bubbles.

*Be prepared that a little amount of water can come out of the filter.

6. TROUBLE SHOOTING.

Problems	Possible cause	Trouble shooting
Water leakage of the diverter valve.	The diverter valve is not connected properly, straight and tight to the screw of the faucet.	Make sure the diverter valve or adapter is connected properly, straight and fight to the screw of the faucet.
Black color or black particles in the water.	The rain water filter contains carbon powder. After installation small particles can occur in the water.	After installation or filter exchange let the water flow for about 10 minutes to clean the filter from possible small residual particles of carbon.
Slow water flow.	The lifetime of the filter is finished	Replace the filter cartridges.
	The filter is clogged.	Replace the filter cartridges.
Noise in the system.	There are air bubbles in the system.	After installation let the water flow for about 10 minutes to remove all air from the system.
Unusual water or chlorine taste and bad odor.	The cartridge does not remove chlorine and other contaminants from the water. The life time of the 3 in 1 filter cartridge is finished.	Replace the 3 in 1 filter cartridge.
	You have not used the filter for a while and some sediments and contaminants developed a bad smell in the system.	Open the valves and let the water flow for at least 5 minutes.
Water leakage.	Tubes and fittings might not be connected properly.	Check every connection to be inserted in the proper depth.
No water flow.	The diverter valve is closed.	Open the diverter valve.